



PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:

Public Notice Number: 2005-00360-Y3

Issue Date: January 29, 2007

Expiration Date: February 16, 2007

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: City of New York Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, NY 11368

ACTIVITY: Gabion Rip-rap, Dredge, Grade and Place Fill, Boulder Revetment

WATERWAY: Harlem River

LOCATION: Harlem River Park, Borough of Manhattan, New York County, New York.

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Any person may request, in writing, before this public notice expires, that a public hearing be held to

CENAN-OP-RE
PUBLIC NOTICE NO. 2005-00360-Y3

collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat. A complete description of the project is given in the attached Work Description. The New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial. Further consultation with NMFS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, 41 State Street, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

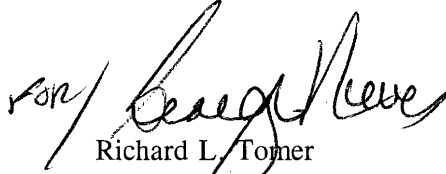
In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

CENAN-OP-RE
PUBLIC NOTICE NO. 2005-00360-Y3

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8516 and ask for Mary Ann Miller.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>



Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, City of New York Parks & Recreation (Harlem River Park-Phase II from E. 138th to 142nd Sts.), has requested Department of the Army authorization to replace a bulkhead with gabions, create tidal pools, and dredge to realign the shoreline and place armor stone riprap (boulder revetment) in the Harlem River, Borough of Manhattan, New York County, New York.

The project includes the following construction activities within the Corps of Engineers regulatory jurisdiction:

- Remove approximately 535 linear feet of existing steel sheet pile bulkhead and replace it with 1409 cubic yards of gabion placed landward of the existing bulkhead. The gabion would be planted with *Spartina alterniflora*, wrapped in coir fiber and placed between voids in the gabion. The gabion shoreline would include creating two tide pools by grading and utilizing varying size beach cobble and stones and two set backs planted with *Spartina alterniflora*.
- Realign and reconstruct an existing boulder revetment in a 402 linear foot cove with 89 cubic yards of various sized armor stone/riprap.

The stated purpose of this project is to create a bikeway and promenade along the Harlem River while providing the community with an accessible waterfront park.



City of New York
Parks & Recreation

The Arsenal
Central Park

New York, NY 10021

Adrian Benepe
Commissioner

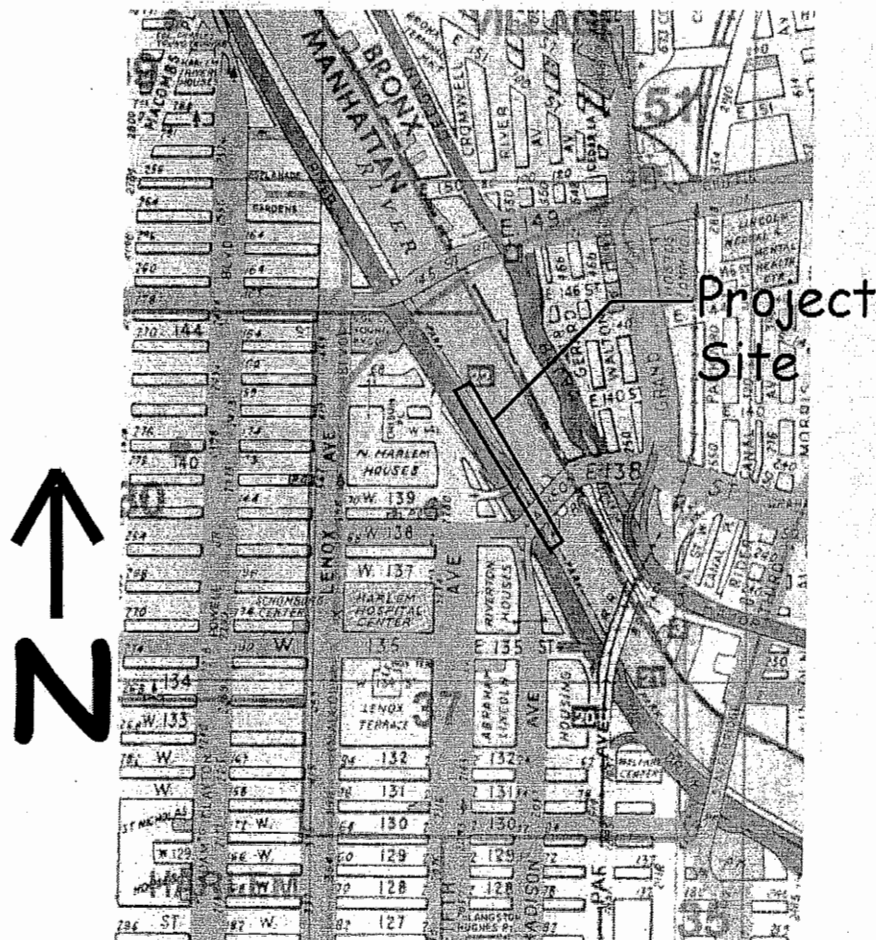
Capital Projects

Olmsted Center
Flushing Meadows-
Corona Park
Flushing, NY 11368

Amy L. Freitag
Deputy Commissioner

Harlem River Park Location Map

UTM 18 589575E 4518686N (WGS84/NAD83)

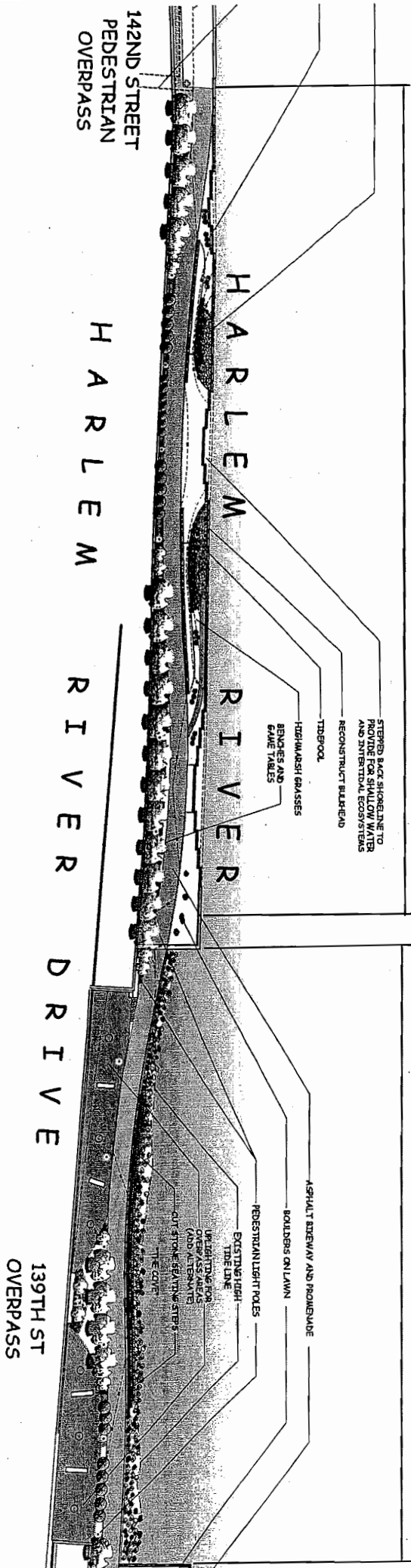


2005-00360-Y3


Locator map

NEW GABION BULKHEAD-535 LINEAR FEET

RECONSTRUCTED REVETMENT COVE - 402 LINEAR FEET



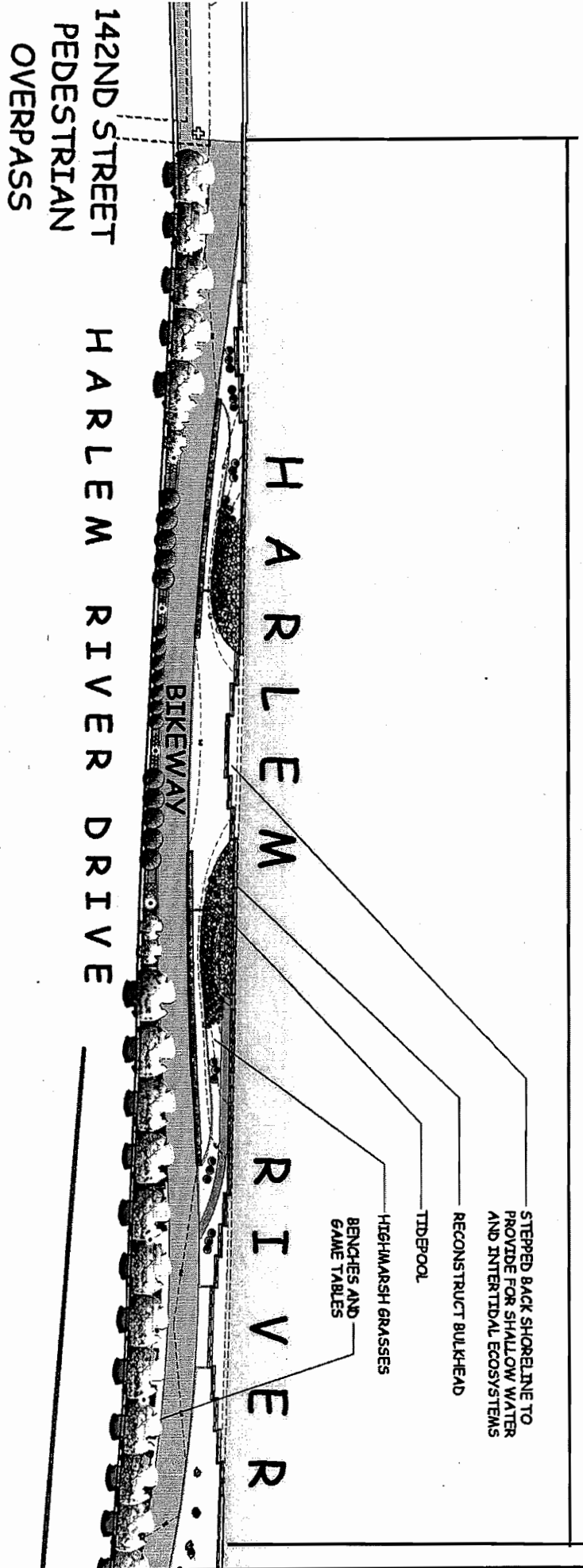
Harlem River Park Bikeway and Promenade - Phase II From E. 138th to E. 142nd Streets

 <p>City of New York Parks & Recreation Olmsted Center Flushing Meadows Corona Park Flushing, New York 11368</p>			
<p>PROJECT TITLE THE CONSTRUCTION OF HARLEM RIVER PARK BIKEWAY AND PROMENADE BETWEEN THE HARLEM RIVER, THE HARLEM RIVER DRIVE, EAST 139TH AND EAST 142ND STREETS BOROUGH OF MANHATTAN</p>			
DRAWING TITLE			
SITE MAP			
DESIGNED BY	DRAWN BY	CHECKED BY	
HENRIK KAVVADIAS	RICARDO HENRIK, RLA	CROWLEY, WILLIAMS	
REVIEWED - TEAM LEADER	APPROVED - DIRECTOR	APPROVED - CHIEF OF DESIGN	
MICHAEL BOLGER, RLA	DAVID CARLSON, RLA		
APPROVED - CHIEF ENGINEER	CONTRACT NO.		
JOHN NATOLI, PE	A208-104M		
DATE: SEPT, 2006	SCALE: 1"=10'-0"	SHEET NO. 1	OF SHEETS

PG. 1/11
2005-00360-Y3

NEW GABION BULKHEAD-535 LINEAR FEET

1005-00365-Y3
PG. 2/11



Harlem River Park Bikeway and Promenade - Phase II
From E. 138th to E. 142nd Streets



MATCHLINE A

MATCHLINE A

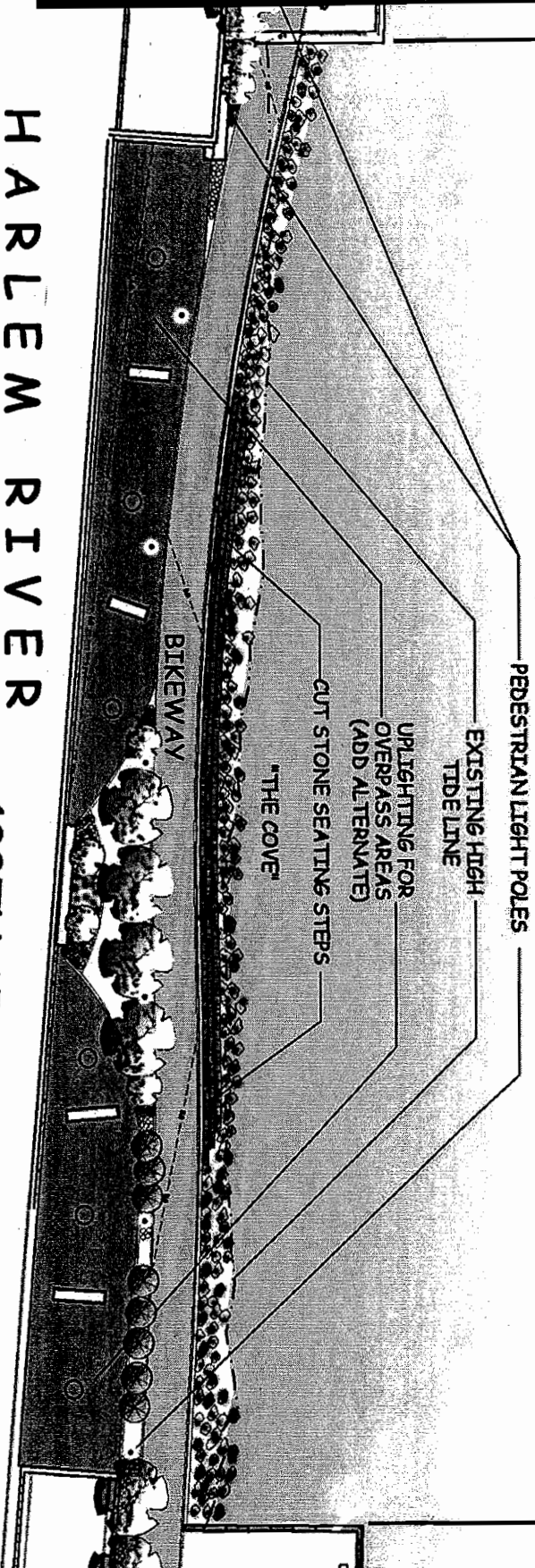
RECONSTRUCTED REVETMENT COVE - 402 LINEAR FEET

Received - NY District
Corps of Engineers

2006 OCT 24 PM 12:35

PG 3/11

HARLEM RIVER



HARLEM RIVER

139TH ST
OVERPASS
DRIVE



Harlem River Park Bikeway and Promenade - Phase II
From E. 138th to E. 142nd Streets

OPEN WATER LOST

142 SF TOTAL

EXISTING MEAN
LOW WATER (-4.30)

PROPOSED MEAN
LOW WATER (-4.30)

INTERTIDAL ZONE LOST
THROUGH PLACEMENT
OF RIP RAP

738 SF TOTAL

INTERTIDAL ZONE CREATED
THROUGH EXCAVATION OF
EXISTING RIP RAP AND FILL

PROPOSED SPRING
HIGH TIDE

EXISTING SPRING
HIGH TIDE (+1.40)

MATCHLINE A

HARLEM RIVER DRIVE

PROPOSED EDGE
OF RIP RAP

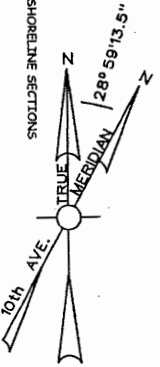
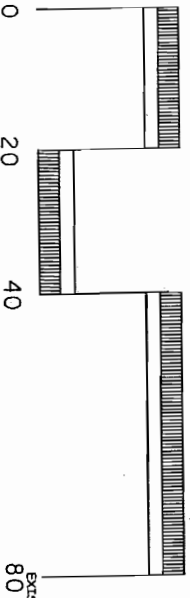
RIP RAP

PROPOSED

EXISTING
EDGE OF
RIP RAP

BIKEWAY

RIP RAP



City of New York
Parks & Recreation
Olinsted Center (Harlem River Park)
Flushing Meadows Corona Park
Flushing, New York 11368

PROJECT TITLE
THE CONSTRUCTION OF HARLEM RIVER PARK BIKEWAY AND ESPALMADE
BETWEEN THE HARLEM RIVER, THE HARLEM RIVER DRIVE,
EAST 139TH AND EAST 142ND STREETS
BOROUGH OF MANHATTAN

DRAWING TITLE

PROPOSED REVETMENT PLAN - 2

E. 139TH ST.
ONRAMP

2005-00360-Y3

MATCHLINE A

EXISTING MEAN LOW WATER (-4.30)

PROPOSED MEAN LOW WATER (-4.30)

INTERTIDAL ZONE CREATED THROUGH EXCAVATION OF EXISTING RIP RAP AND FILL

852 SF TOTAL

EXISTING SPRING HIGH TIDE (+1.40)

PROPOSED SPRING HIGH TIDE

H A R L E M R I V E R

RIP RAP

RIP RAP

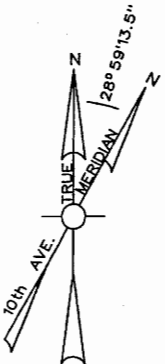
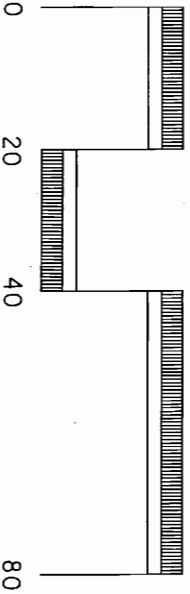
PROPOSED

BIKEWAY

PROPOSED EDGE OF RIP RAP
EXISTING EDGE OF RIP RAP

H A R L E M R I V E R D R I V E

E. 139TH ST. ONRAMP



City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows Corona Park
Flushing, New York 11368

THE CONSTRUCTION OF HARLEM RIVER PARK BIKEWAY AND ESPRANADE BETWEEN THE HARLEM RIVER, THE HARLEM RIVER DRIVE, EAST 139TH AND EAST 142ND STREETS, BOROUGH OF MANHATTAN

DRAWING TITLE

PROPOSED REVETMENT PLAN - 1

2005-00360-Y/3
PG. 5/11

SPARTINA ALTERNIFLORA SHALL BE PLANTED IN MID-HIGH TIDE ZONE IN SETBACKS AND TIDEPOOLS: TOTAL 800 PLANTS

REPLACE STEEL BULKHEAD WITH GABION SHORELINE TO INCLUDE TIDEPOOLS AND SETBACKS:

INTERTIDAL ZONE CREATED
 $104 \text{ SF} + 213 \text{ SF} + 150 \text{ SF} + 393 \text{ SF} + 100 \text{ SF} = 960 \text{ SF TOTAL}$
 OPEN WATER CREATED FROM REMOVAL OF STEEL SHEETING
 535 SF TOTAL

EXISTING LOW TIDE AND SPRING HIGH TIDE TO OUTSIDE EDGE OF OLD BULKHEAD
 PROPOSED LOW TIDE TO INSIDE EDGE OF OLD BULKHEAD
 PROPOSED LOW TIDE TO OUTSIDE EDGE OF NEW GABIONS

TIDEPOOL

H A R L E M R I V E R

SETBACK

SETBACK

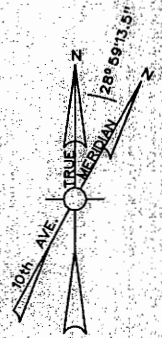
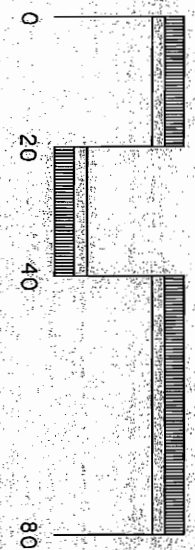
PROPOSED UPLAND REVELTMENT

PROPOSED

BIKEWAY

H A R L E M R I V E R D R I V E

E. 142ND ST. PED. RAMP



City of New York
 Parks & Recreation *(Harlem River Park)*
 Olmsted Center
 Flushing Meadows Corona Park
 Flushing, New York 11368

PROJECT TITLE:
 THE CONSTRUCTION OF HARLEM RIVER PARK BIKEWAY AND ESPRANADE BETWEEN THE HARLEM RIVER, THE HARLEM RIVER DRIVE, E 137TH AND E 142ND STREETS, BOROUGH OF MANHATTAN

DRAWING
PROPOSED GABIONS PLAN-2

MATCHLINE B

2005-00360-73
 pg. 6/11

MATCHLINE B

REPLACE STEEL BULKHEAD WITH GABION SHORELINE TO INCLUDE TIDEPOOLS AND SETBACKS:

INTERTIDAL ZONE CREATED

OPEN WATER CREATED FROM REMOVAL OF STEEL SHEETING

EXISTING LOW TIDE AND SPRING HIGH TIDE TO OUTSIDE EDGE OF OLD BULKHEAD
PROPOSED LOW TIDE TO INSIDE EDGE OF OLD BULKHEAD

PROPOSED SPRING TIDE TO OUTSIDE EDGE OF NEW GABIONS

H A R L E M R I V E R

TIDEPOOL

PROPOSED UPLAND REVEITEMENT

PROPOSED

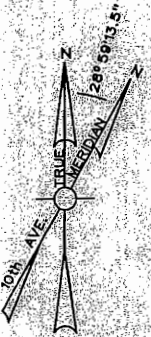
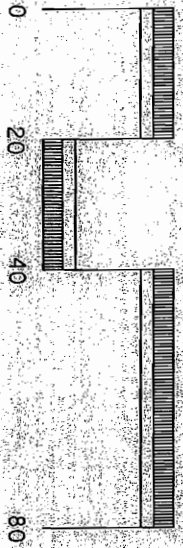
BIKEWAY

H A R L E M R I V E R D R I V E

SPARTINA ALTERNIFLORA SHALL BE PLANTED IN MID-HIGH TIDE ZONE IN SETBACKS AND TIDEPOOLS: TOTAL 800 PLANTS

EXISTING STEEL BULKHEAD (TO BE REMOVED)

PROPOSED GABIONS



City of New York
Parks & Recreation
Orsted Center
Flushing Meadows Corona Park
Flushing, New York 11368

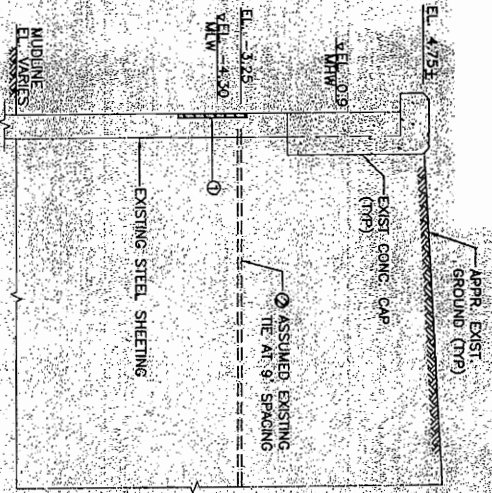
PROJECT TITLE
THE CONSTRUCTION OF HARLEM RIVER PARK BIKEWAY AND ESPLANADE
BETWEEN THE HARLEM RIVER, THE HARLEM RIVER DRIVE,
EAST 139TH AND EAST 142ND STREETS
BOROUGH OF MANHATTAN

DRAWING

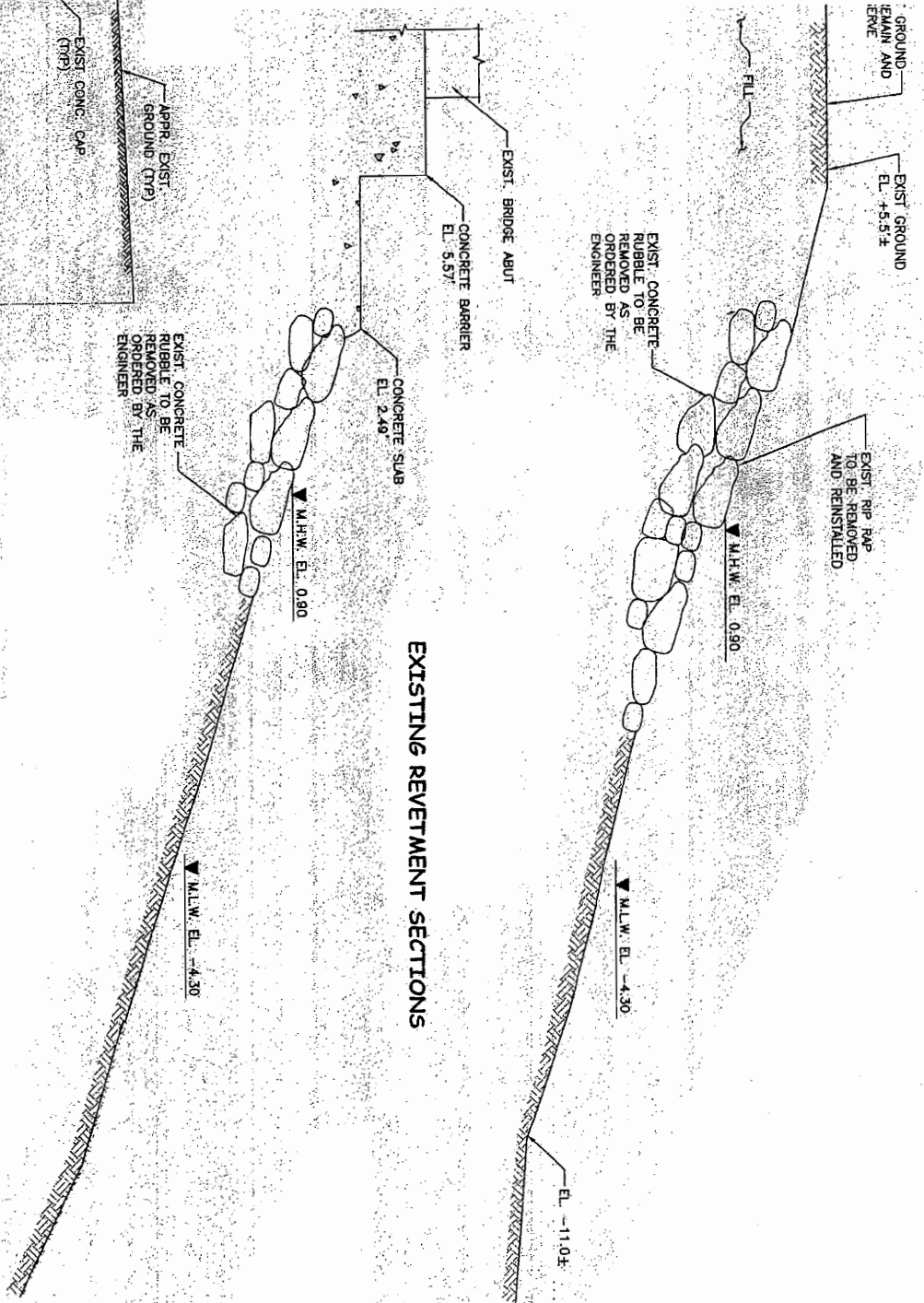
PROPOSED GABION PLAN - 1

2005-00360-Y3
pg. 7/11

EXISTING BULKHEAD SECTION



EXISTING REVETMENT SECTIONS



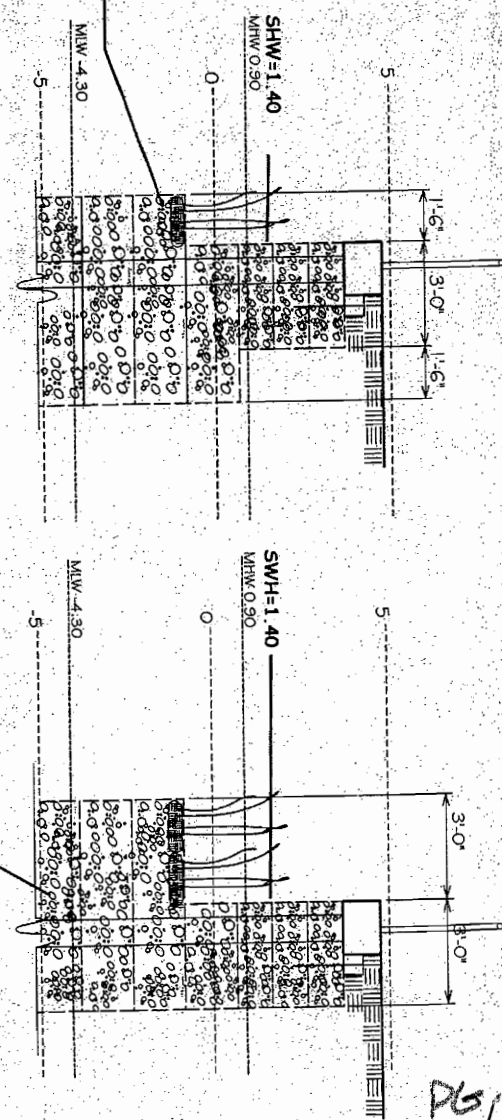
City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows Corona Park
Flushing, New York 11368

PROJECT TITLE
THE CONSTRUCTION OF HARLEM RIVER PARK BIKEWAY AND ESPLANADE
BETWEEN THE HARLEM RIVER, THE HARLEM RIVER DRIVE,
EAST 139TH AND EAST 142ND STREETS
BOROUGH OF MANHATTAN

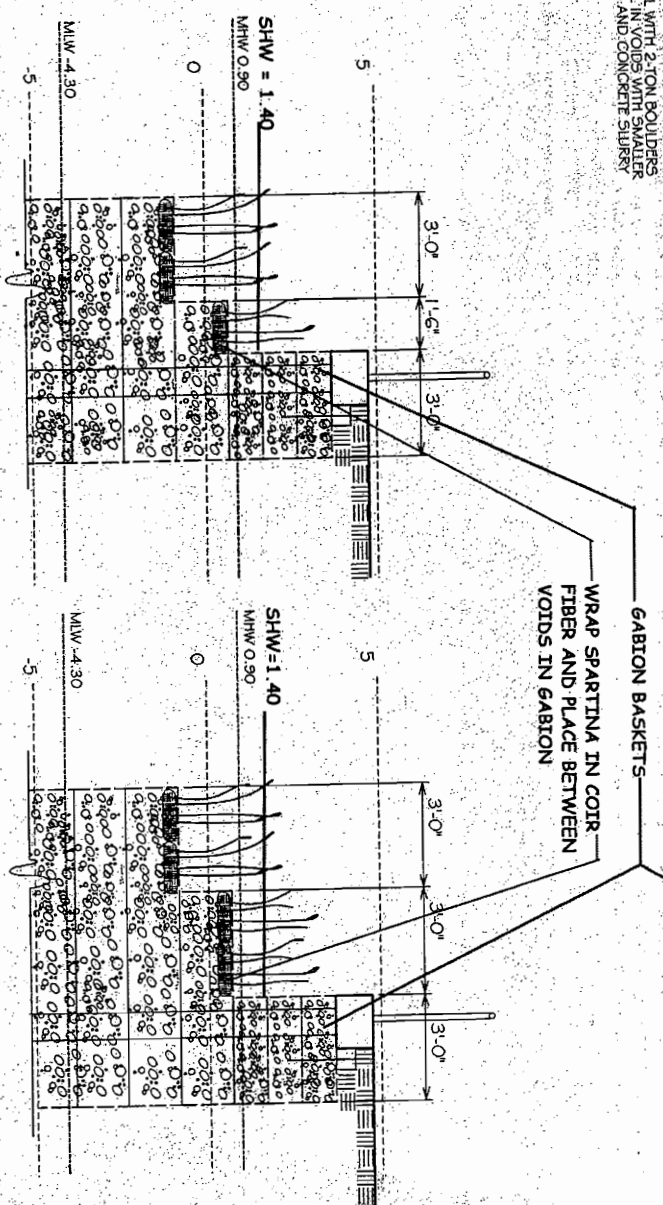
DRAWING TITLE

EXISTING SHORELINE SECTIONS

2005-00 360-y3
8/11
PG.

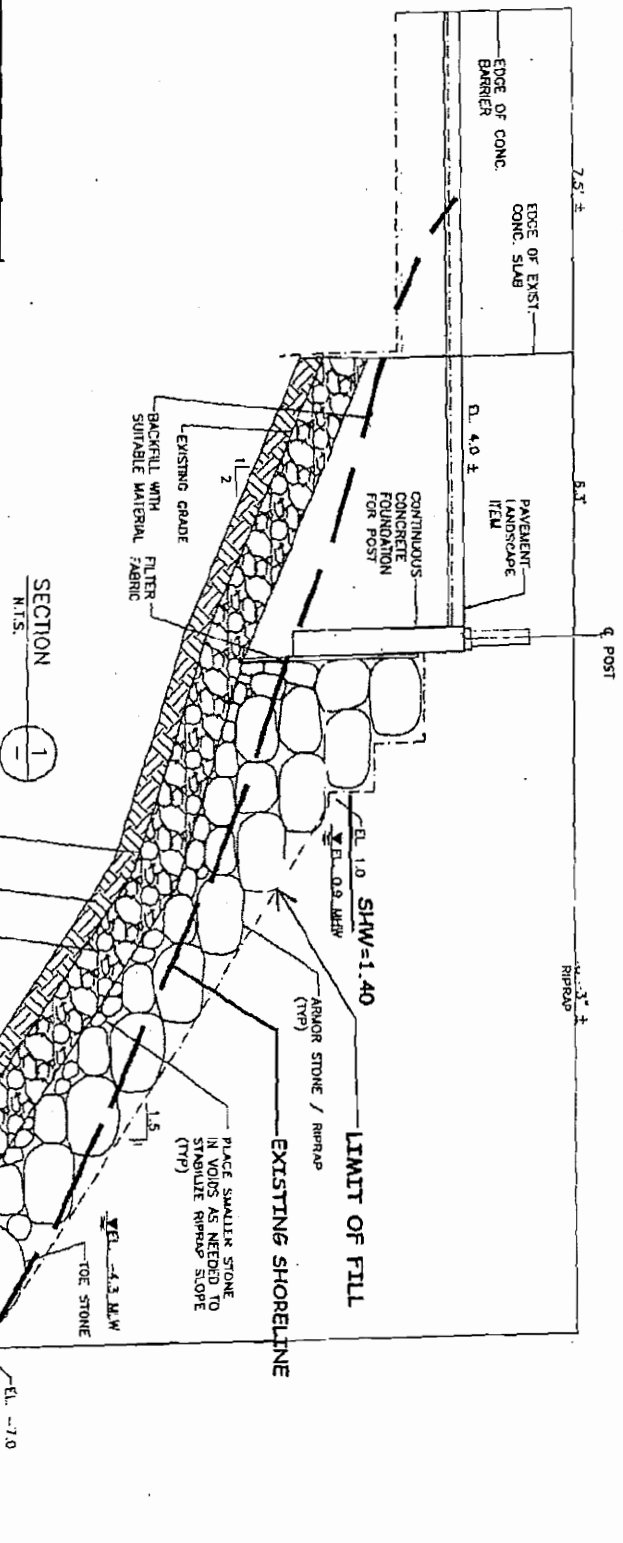
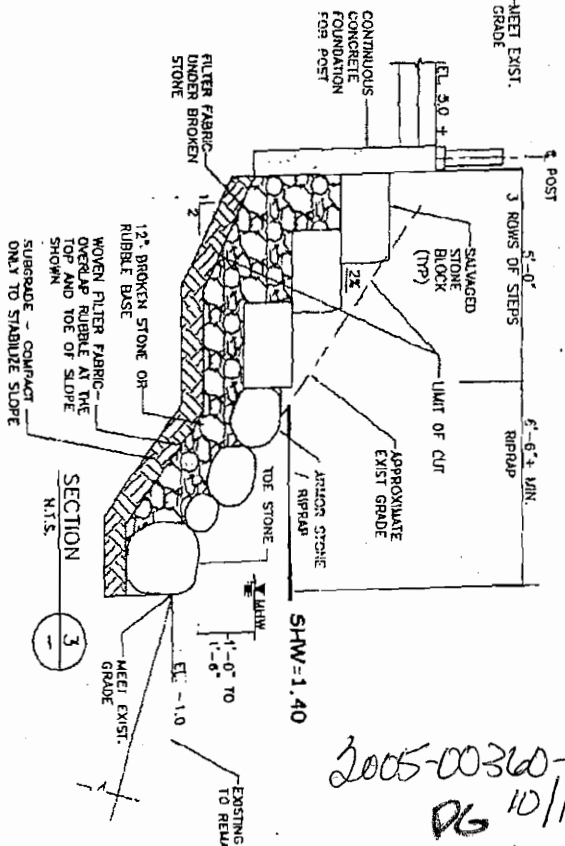
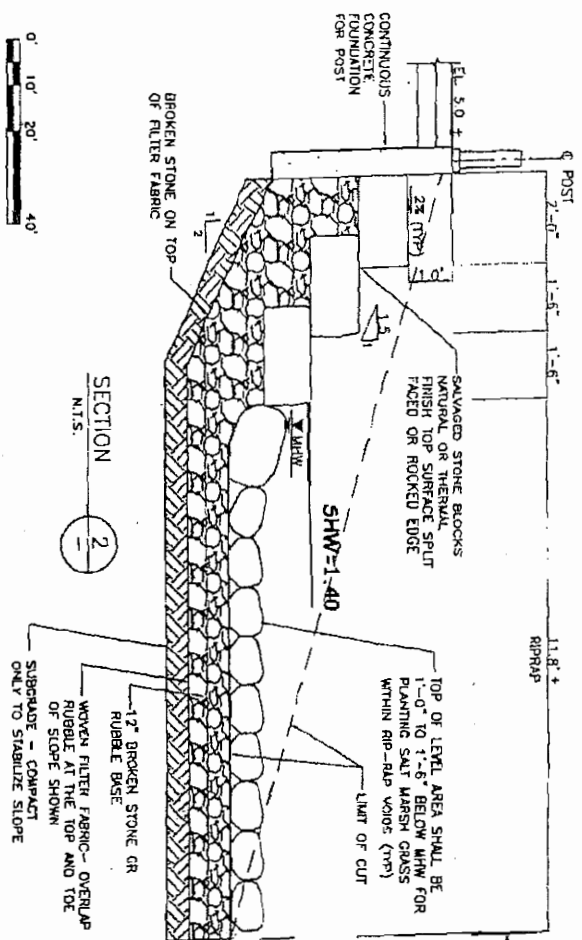


3'-0" SETBACK SECTION - C
TOP OF WALL = 4.75



6'-0" SETBACK SECTION - E
TOP OF WALL = 4.75

PROPOSED GABION SECTIONS - 1



City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows Corona Park
Flushing, New York 11368

PROJECT TITLE
THE RECONSTRUCTION OF HARLEM RIVER PARK RIVERWAY AND ESCAPEWAY
BETWEEN THE HARLEM RIVER, THE HARLEM RIVER DRIVE,
AND THE HARLEM RIVER PARK STREETS
BOROUGH OF MANHATTAN

DRAWING TITLE
PROPOSED REVELTMENT SECTIONS-1

2005-00360-Y3
PG 10/11

